

# Biotin Conjugated Anti-Human GITR Antibody [PSH05-64]

## HA722593B



<b>Product Type:</b>	Recombinant Rabbit monoclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human
<b>Applications:</b>	ELISA(Det)
<b>Clone number:</b>	PSH05-64

**Description:** This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway.

**Conjugate:** Biotin-conjugated

**Immunogen:** Recombinant protein within human GITR aa 26-162 (Extracellular).

**Positive control:** Recombinant standard Human GITR protein (HA210945).

**Subcellular location:** Cell membrane, Secreted.

**Database links:** SwissProt: Q9Y5U5 Human

**Recommended Dilutions:**

**ELISA(Det)** Use at an assay dependent concentration. Can be paired for Sandwich ELISA with Rabbit monoclonal [PSH05-63] to Human GITR (Capture) (HA722383) and recombinant standard Human GITR protein (HA210945). The reference range value is 37-3000pg/ml.

**Storage Buffer:** PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% ProClin300.

**Storage Instruction:** Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

**Purity:** Protein A affinity purified.

Hangzhou Huan Biotechnology Co., Ltd.

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**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Ming S., Yin H., Li X., Gong S., Zhang G., Wu Y. GTR Promotes the Polarization of TFH-Like Cells in *Helicobacter pylori*-Positive Gastritis. *Front Immunol* 12:736269-736269 (2021).
2. Bosmans L.A., Shami A., Atzler D., Weber C., Goncalves I., Lutgens E. Glucocorticoid induced TNF receptor family-related protein (GTR) - A novel driver of atherosclerosis. *Vascul Pharmacol* 139:106884-106884 (2021).

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